IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Examiner: Turner, Sharon L. Napoleone FERRARA, et al. Application Serial No. 10/017,191 Filed: October 24, 2001 Attorney's Docket No. 39780-2630 P1C62

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For: PRO320 NUCLEIC ACIDS

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Customer No. 35489

MAIL STOP AF

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Final Office Action mailed on February 23, 2005, in connection with the above-identified patent application (Paper No./Mail Date 20050221), please enter the following amendments, and consider the following arguments.

Remarks/Arguments begin on page 2 of this paper.

04-27-05

eas pe a plus sign (+) inside this box li Approved for use through 09/30/2000. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/017,191 Application Number **OCTOBER 24, 2001 TRANSMITTAL** Filing Date **FORM** NAPOLEONE FERRARA **First Named Inventor** (to be used for all correspondence after initial filing) Group/Art Unit 1647 TURNER, SHARON L. **Examiner Name** 22 39780-2630 P1C62 Total Number of Pages in This Submission Attorney Docket Number ENCLOSURES (check all that apply) After Allowance Communication to Copy of an Assignment Fee Transmittal Form Group Fee Attached Appeal Communication to Board of Drawing(s) Appeals and Interferences | AMENDMENT / RESPONSE Appeal Communication to Group Licensing-related Papers (Appeal Notice, Brief, Reply Brief) AFTER FINAL Petition Routing Slip (PTO/SB/69) Proprietary Information Version With Markings Showing and Accompanying Petition Changes Petition to Convert to a Status Letter Affidavits/declaration(s) Provisional Application Extension of Time Request COPY OF EXECUTED DECLARATIONS OF X NAPOLEONE FERRARA, Ph.D., AUDREY ADDITIONAL ENCLOSURE(S) Information Disclosure Statement M GODDARD, Ph.D., PAUL J. GODOWSKI, (PLEASE IDENTIFY BELOW): Ph.D., AUSTIN GURNEY, Ph.D. and WILLIAM Certified Copy of Priority Document(s) I, WOOD, Ph.D. UNDER 37 C.F.R. §1.131 STAMPED RETURN POSTCARD Response to Missing Parts/ Incomplete Terminal Disclaimer Application Small Entity Statement Response to Missing Request for Refund Parts under 37 CFR 1.52 or 1.53 Remarks Copy of Notice AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT <u>08-1641</u> FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. 39780-2630 P1C62 SIGNATURE OF APPLICANT, ATTORNEY OR AGENT ANNA L. BARRY (Reg. No. 51,436) **HELLER EHRMAN LLP** Firm or Individual name 275 Middlefield Road, Menlo Park, California 94025 Telephone: (650) 324-7000 Facsimile: (650) 324-0638 Signature 35489 Date **Customer Number: APRIL 25, 2005** CERTIFICATE OF EXPRESS MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: MAIL STOP AF, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on this date: APRIL 25, 2005 Express Mail Label EL 993 636 162 US

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APRIL 25, 2005

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C. FONG